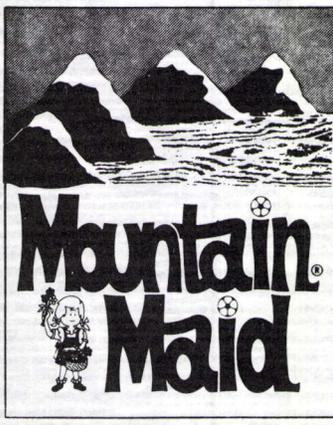


Roul file in ACT/027/002
M.T.M. JWS

October 10, 1978



Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84103



Attn: Jim Smith & Mike Minder

Dear Sirs;

Enclosed is a copy of the soils report for the perlite property in Millard County near Black Rock. Also enclosed is a copy of the findings of the USU extension agent after he reviewed the the USU soils report.

We are quite anxious to get going out there, so anything that we can do to get this approved, please call us and we will get the information to you quickly.

Thank you,

Thomas W. Bergman
Thomas W. Bergman
Plant Manager

TWB/ww
Enclosures



**SOIL TEST REPORT
and
FERTILIZER RECOMMENDATIONS**



SOIL TESTING LABORATORY
Utah State University UMC 48
Logan, Utah 84322

Name Mountain Maid Inc.
Street 150 W. Industrial Way
City, State Fillmore, Utah 84631
ZIP

Date received 9/25/78

Payment received \$ 24.00

Balance due \$ 0

Your USU Extension Agent Jim Bushnell
Fillmore, Utah

LABORATORY REPORT

Lab. No.	Sample No.	Crop	Soil Texture (Estimated)	Lime	pH	Soluble Salts EC _e	Organic Matter %	Plant Nutrient Index		
								Nitrate ppm N	Phosphorus ppm P	Potassium ppm K
3021	1		Sand	++	9.3	.6		.8	196	
3022	2		Loamy Sand	++	8.5	.5		8.7	236	
3023	3		Sand	++	9.2	.4		2.2	84	
3024	4		Loamy Sand	++	8.3	.6		8.8	116	
3025	5		Sand	++	8.7	.4		2.2	63	
3026	6		Loamy Sand	++	9.1	1.2		9.6	>320	

ATTENTION GROWERS

These fertilizer recommendations are based on the soil analysis results, the information you supplied on the Description sheet, and on the average growing season for your area. They are guides developed from the best available scientific data, but may require some modification for your specific situation. Consult your Extension Agent for more details.

Remember that a high yield goal can be attained only when proper fertilization is used in combination with crop production management and climatic conditions consistent with that yield goal.

USU POLICY

It is the policy of the USU Soil Testing Laboratory to recommend only those nutrients that offer a reasonable possibility of increasing the yield of your crops, and in those amounts that should be necessary to achieve your yield capability. Ranges of nutrients are sometimes given, to permit some farm operator judgement.

FERTILIZER RECOMMENDATIONS FOR 19 <u>79</u> CROP					
Pounds of Nutrient per acre					* Special Notes
Sample No.	Nitrogen (N)	Phosphorus (as P ₂ O ₅)	Potassium (as K ₂ O)	Other	
	SEE ATTACHED NOTE				

*See referenced notes on the back of this sheet for explanations and special instructions.

$P_2O_5 \times .45 = P$

$K_2O \times .82 = K$

*Route 2 & Return to
file in Mt. Maid Jug*

SOIL TESTING LABORATORY
Utah State University UMC 48
Logan, Utah 84322

*M.J.M.
R*

*ACT/027/? Don't know
which mine! 002*

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FERTILIZER RECOMMENDATIONS FOR 1979 CROP

Sample No.	Pounds of Nutrient per acre				* Special Notes
	Nitrogen (N)	Phosphorus (as P ₂ O ₅)	Potassium (as K ₂ O)	Other	
	SEE ATTACHED NOTE				

*See referenced notes on the back of this sheet for explanations and special instructions.

$P_2O_5 \times .45 = P$

$K_2O \times .82 = K$

Supplemental Information

Texture: Very water-holding capacity. Soils will be droughty.

pH: Unusually high in all but No. 4, indicating high % sodium. Probably not serious.

Salts: All OK

Phosphorus: Add P fertilizer to 1, 3, 5. Others OK.

Potassium: Nos. 3 and 5 marginal to low. There may be a benefit from adding some K to these.

Consult appropriate experts for selection of species of plants adapted to climate, elevation, etc.

